

Docket No. 01010

ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON, LLP

DECLARATION FOR NEW U.S. PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Structure and Methods of Fabricating Binding Layers for a Li-ion Polymer Battery the specification of which was filed on April 6, 2001 as U.S. Application Serial No. 09/828,436.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

Priority Doc.No.	Country	Day/Month/Yr. Filed	Priority Claimed
			Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.	Filing Date	Status
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And I hereby appoint as principal Attorneys and Agents

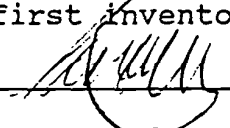
<u>Attorney/Agent</u>	<u>Reg.No.</u>	<u>Attorney/Agent</u>	<u>Reg.No.</u>
James E. Armstrong, III	18,366	Donald W. Hanson	27,133
William F. Westerman	29,988	Stephen G. Adrian	32,878
Ken-Ichi Hattori	32,861	William L. Brooks	34,129
Le-Nhung McLeland	31,541	John F. Carney	20,276
Ronald F. Naughton	24,616	Scott M. Daniels	32,562
William G. Kratz, Jr.	22,631	John P. Kong	40,054
Mel R. Quintos	31,898	James N. Baker	40,899
Edward F. Welsh	22,455	Thomas E. Brown	44,450
James E. Armstrong, IV	42,266	John C. Hughs	P-47,236
Nicholas E. Seckel	44,373		

Please direct all communications to the following:

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Pittsburgh, PA 15219

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Tsun-Yu Chang
Inventor's signature  Date May-03-2001
Residence #231 Chin-Hua N. Rd., Taichung, Taiwan, R.O.C.
Citizenship Taiwan
Post Office Address #231 Chin-Hua N. Rd., Taichung, Taiwan, R.O.C.

Full name of second joint inventor Prashant N. Kumta
Inventor's signature *Prashant N. Kumta* Date May 15 '2001
Residence #4 Bayard Rd., Apt. 35, Pittsburgh, PA 15213
Citizenship United States
Post Office Address #4 Bayard Rd., Apt. 35, Pittsburgh, PA 15213

Full name of third joint inventor Chun-Chieh Chang
Inventor's signature *Chun-Chieh Chang* Date May 15 2001
Residence #5 Bayard Rd. Apt. 114, Pittsburgh, PA 15213
Citizenship Taiwan
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156/1 ✓
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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Washington, D.C. 20231

AUGUST 16, 2001

PTAS
ARMSTRONG, WESTERMAN, HATTORI, ET AL
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101742756A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2001

REEL/FRAME: 011859/0623
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CHANG, TSUN-YU

DOC DATE: 05/03/2001

ASSIGNOR:
KUMTA, PRASHANT N.

DOC DATE: 05/15/2001

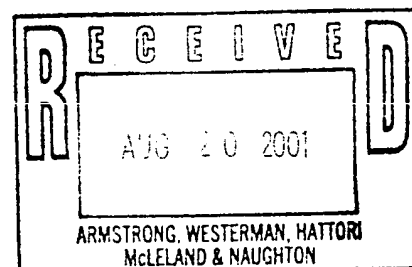
ASSIGNOR:
CHANG, CHUN-CHIEH

DOC DATE: 05/15/2001

ASSIGNEE:
CHANGS ASCENDING ENTERPRISE CO.,
LTD
NO. 231-7 CHIN-HUA NORTH ROAD
TAICHUNG, TAIWAN R.O.C.

SERIAL NUMBER: 09828436
PATENT NUMBER:

FILING DATE: 04/06/2001
ISSUE DATE:



011859/0623 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



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Case Docket No. 01010

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Tsun-Yu Chang

Prashant N. Kumta

Chun-Chieh Chang

Additional name(s) of conveying party(ies) attached? Yes No XX

2. Name and address of receiving party(ies):

Name: CHANGS ASCENDING ENTERPRISE CO., LTD

Street Address:

No. 231-7 Chin-Hua North Rd.

Taichung, Taiwan, R.O.C.

Additional name(s) & address(es) attached? Yes No XX

3. Nature of conveyance: Assignment

Execution Date: May 3 & May 15, 2001

Title: STRUCTURE AND METHODS OF FABRICATING BINDING LAYERS FOR
A LI-ION POLYMER BATTERY

4. Application number(s) or patent number(s):

If this document is being filed together with a new
application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/828,436

Additional numbers attached? Yes No XX

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Armstrong, Westerman, Hattori,
McLeland & Naughton, LLP
Law and Finance Building
Suite 707, 429 Fourth Avenue
Pittsburgh, PA 15219

6. Total number of applications and patents involved: 1

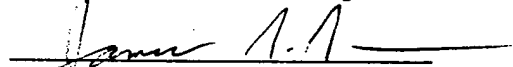
7. Total fee (37 CFR 3.41). \$ 40.00

XX Check enclosed

8. Deposit Account No.: 16-0485

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



Date May 31, 2001

James N. Baker
Reg. No.: 40,899

Total number of pages including cover sheet: 4

Rev. 9/94

Q:FORMS/ASSIGN.PTO

A S S I G N M E N T

WHEREAS WE, Tsun-Yu Chang, Prashant N. Kumta, and Chun-Chieh Chang
, residing respectively at
231, Chin-Hua N. Rd., Taichung, Taiwan, R. O. C; 4 Bayard Rd., Apt. 35,
Pittsburgh, PA 15213; and 5 Bayard Rd., Apt. 114, Pittsburgh, PA
15213

have invented certain new and useful improvements in Structure and
Methods of Fabricating Binding Layers For A Li-ion Polymer Battery,
for which we have filed an application for United States
Letters Patent on April 6, 2001 as Serial No. 09/828,436

AND WHEREAS CHANGS ASCENDING ENTERPRISE CO., LTD

No. 231-7 Chin-Hua North Rd.

Taichung, Taiwan, R.O.C.

hereinafter called the "assignee," is desirous of acquiring the entire rights, title, and interest in and to said application and the inventions and improvements therein disclosed;


NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States of America and all foreign countries, including all of our rights under the International Convention for the Protection of Industrial Property, and any Letters Patent which may issue therefor in the United States of America and all foreign countries, and all divisions, reissues, continuations, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned; this assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

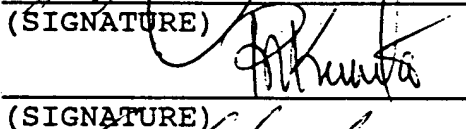
We further expressly appoint said assignee as our attorney in fact with power of appointment, and authorize said assignee or his appointee, at its or his discretion, to apply for Letters Patent in any and all countries, including any and all countries which are or may become parties to the International Convention for the Protection of Industrial Property in accordance with all provisions of said Convention, without, however, any expense to us.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.


(SIGNATURE)

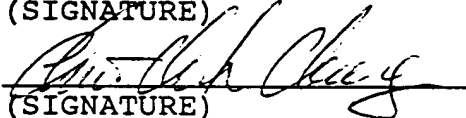
Tsun-Yu Chang
(TYPE NAME)

May-03-2001
(DATE)


(SIGNATURE)

Prashant N. Kumta
(TYPE NAME)

May 15 2001
(DATE)


(SIGNATURE)

Chun-Chieh Chang
(TYPE NAME)

May 15 2001
(DATE)

NO LEGALIZATION REQUIRED